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August 17, 1964

U. S. Department of Agriculture  
Statistical Reporting Service  
and  
U. S. Department of Commerce  
Weather Bureau

Nebr. Dept. of Agr. & Economic Development  
Division of Agr'l. Statistics  
Agricultural Extension Service  
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 8/17/64

Week Ending 8/17/64

WEATHER It was a cool, cloudy week with temperatures averaging 5 degrees below normal in the Panhandle and 10 to 15 degrees below elsewhere. The week began with temperatures above 100 degrees in the southwest, south-central, and central areas and in the 90s elsewhere on Monday afternoon. It reached 108° at Beaver City. Unseasonably cold air dropped the readings into the 60s and 70s by Tuesday afternoon, some 15 to 20 degrees below normal. Cool weather persisted the rest of the week except that the low 90s in the Panhandle on Friday and Saturday were normal for mid-August. Daytime temperatures in the eastern half of the State were in the 60s Thursday and Friday and the 70s Saturday and Sunday. Wednesday morning was very cold with readings in the 30s and 40s across the State. Brownlee reported 33 and Comstock 34, a number of points had 35°. It was 38 as far south as Curtis and 39 at Fairmont. Light frost was observed in exposed low spots in the north-central and northeast.

Precipitation came as scattered showers in the southeast Monday, and across the State on Thursday. Amounts were generally light, ranging from a trace to .40 inch. Local amounts ranged upward Monday to .70 at St. Paul and 1.75, accompanied by hail at North Loup. Burwell had .72 on Thursday. As the week ended, scattered showers again covered most of the State. Amounts ranging upwards from a half inch were reported Monday morning across the south-central portion and as far northward as the North Platte-St. Paul line. McCook received .69 inch, Minden 1.10, Red Cloud 1.05, Guide Rock 1.78, Nelson 1.24, Geneva .60, North Platte .95 and St. Paul .90. Elsewhere the showers were generally light.

CROPS Lower temperatures and scattered showers brought some relief to crops but many areas are still very short of soil moisture. Crops in the extreme northeast have shown substantial improvement lately as a result of recent rains. Parts of the south-central and southeast areas benefited from showers over the weekend. Irrigated crops continue to require frequent watering but are generally making very good progress.

Corn is denting in many of the earlier fields and some of the sorghum fields are turning color. However, the stage of crop maturity varies greatly, even within fields, as moisture shortages have caused uneven plant development. The harvest of corn and sorghums for silage and green-chop feed continues especially in those areas where the crops have been damaged by drought conditions.

Plowing of stubble has been picking up in the east as fields are being readied for fall sowing of small grains and alfalfa. Summer fallow fields in the west are receiving a final tillage to prepare seedbeds for planting of winter wheat and other small grains. Drilling will commence soon in that area and the growers are securing, cleaning, and treating seeds.

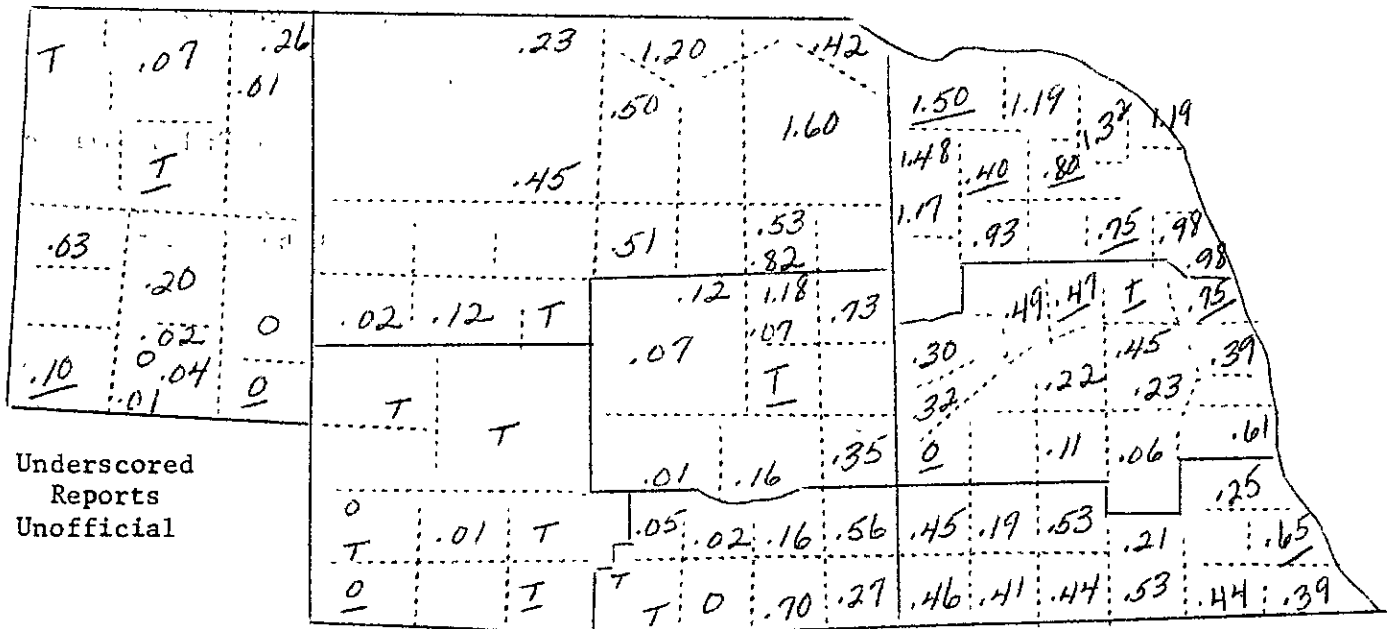
Nearly one-half of the third cutting of alfalfa is now harvested. Cutting progressed slowly as hot, dry weather has slowed the hay growth and has also increased the time needed for irrigating other crops. Yields of third cutting dryland alfalfa are generally light and in some of the very dry areas the alfalfa may not be harvested.

LIVESTOCK Livestock production rates were benefited by the more moderate temperatures. Supplemental feeding of cattle continued in areas where dry pastures were not providing sufficient amounts of feed.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 17, 1964

East		Central		West	
Grand Island	.76	Burwell	.72	Chadron	T
Lincoln	.13	North Platte	.95	Imperial	.10
Norfolk	.35	Valentine	.01	Scottsbluff	.03
Omaha	.15			Sidney	T
Sioux City	.19				

# PRECIPITATION MAP FOR WEEK ENDING AUGUST 14, 1964



HIGHEST AND LOWEST TEMPERATURE (Highs for 24 hours ending at 12:01 a.m., and lows for 12 hours ending at 6:00 a.m., CST)

		August		11th		12th		13th		14th		15th		16th		17th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	87	55	75	41	83	61	80	57	90	56	90	58	80	58		
	Scottsbluff	89	52	78	46	82	56	77	52	92	55	86	57	82	61		
	Sidney	91	51	76	45	82	54	77	50	88	54	90	59	80	58		
NC	Burwell	102	54	70	37	78	48	60	53	64	58	70	50	79	60		
	Valentine	87	52	69	37	75	48	67	53	67	58	82	50	83	65		
NE	Norfolk	94	58	67	43	69	46	62	52	63	59	67	58	78	63		
	Sioux City	90	55	67	46	67	46	60	51	67	61	74	57	78	61		
CEN	Grand Island	103	60	71	43	74	50	65	53	63	57	68	58	78	62		
EC	Lincoln	97	65	74	47	74	52	67	57	65	59	70	63	78	64		
	Omaha	91	60	64	45	68	47	66	55	66	58	75	58	76	61		
SW	Imperial	100	54	--	45	83	56	80	55	71	59	87	59	76	59		
	North Platte	98	52	74	38	80	50	78	55	69	59	76	58	73	62		

## Precipitation, April 1 - August 14, 1964

	NW	NC	NE	CEN	EC	SW	JC	SE
Total past week	.06	.47	1.08	.30	.31	T	.20	.39
Total since April 1	8.83	13.76	17.85	12.38	19.83	10.56	11.35	15.36
Normal since April 1	10.48	12.44	14.41	13.64	15.36	11.82	13.57	16.31